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LUC-280/Balachandran 15-4

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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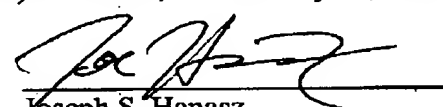
FEB 23 2004

APPLICANTS: Balachandran, et al. EXAMINER: Chang, Edith M.  
SERIAL NO.: 09/724,231 GROUP: 2634 CONF. NO.: 6529  
FILED: 11/28/2000 DOCKET: LUC-280/Balachandran 15-4  
TITLE: **METHOD AND APPARATUS FOR DETERMINING  
CHANNEL CONDITIONS IN A COMMUNICATION SYSTEM**

OFFICIAL

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being sent via facsimile transmission to Commissioner for Patents, Group Art Unit 2634, Attention: Edith M. Chang, P.O. Box 1450, Alexandria, VA 22313-1450, at fax number (703) 872-9306, on February 23, 2004.

  
Joseph S. Hanasz  
Agent for Applicants  
Reg. No. 54,720

Date of Signature: February 23, 2004.

Commissioner for Patents  
Group Art Unit 2634  
Attention: Examiner Edith M. Chang  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Fax Number (703) 872-9306

RESPONSE TO OFFICE ACTION

Dear Sir:

This paper is filed in response to the Office Action mailed January 30, 2004 in connection with the above-designated application. A response to the Office Action is due April

03/05/2004 LHM/KC 0000010 501941 09724231  
30, 2004. Therefore, this Response is timely filed.  
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TRANSMITTAL LETTER

Commissioner for Patents  
Group Art Unit 2634  
Attention: Examiner Edith M. Chang  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Fax Number (703) 872-9306

Dear Sir:

Please find enclosed the following documents pertaining to the above referenced application:

16-page Response to Office Action  
Return Receipt Postcard

CLAIMS AS AMENDED

	Claims as Amended	Minus Previously Paid For Claims	Difference x Rate	Fee
Total Claims	24	- 20	4 x \$18.00	\$ 72.00
Independent Claims	3	- 3	0 x \$86.00	\$0.00
Multiple Dependent Claims	0	- 0	0 x \$290.00	\$ 0.00
TOTAL FEE				\$72.00

Please charge the above fee of \$72.00 to Patti & Brill, LLC Deposit Account No. 50-1941. In the event of under or over payment of a required fee, the Commissioner is hereby authorized to charge or credit the Patti & Brill, LLC Deposit Account No. 50-1941 to correct the error. A duplicate copy of this sheet is enclosed.

CERTIFICATE OF FACSIMILE TRANSMISSION

Respectfully submitted,



Joseph S. Hanasz  
Reg. No. 54,720

Patti & Brill, LLC  
Customer Number 32205

I hereby certify that this correspondence is being sent via facsimile transmission to Commissioner for Patents, Group Art Unit 2634, Attention: Edith M. Chang, P.O. Box 1450, Alexandria, VA 22313-1450, at fax number (703) 872-9306, on February 23, 2004.

  
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February 23, 2004